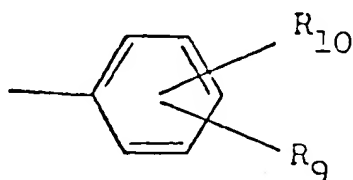


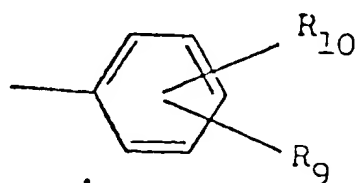
or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms, [cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:



in which  $R_9$  and  $R_{10}$ , which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms;] in which  $R_2$  is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; in which  $R_3$  and  $R_4$ , which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom form an optionally substituted heterocyclic ring

having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; in which  $R_5$  and  $R_6$ , which are the same or different, are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring.

Claim 2 (3x amended). A compound [of formula I] according to claim 1 in which  $R_1$  is branched chain alkyl of up to 4 carbon atoms, [cycloalkyl groups containing 3 to 7 atoms, cycloalkylmethyl groups in which the cycloalkyl ring contains 3 to 6 carbons atoms or a group of the formula II:



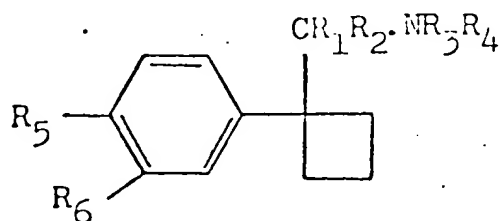
II

in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H, fluoro and methoxy] and  $R_2$  is H or methyl.

Claim 3 (3x amended). A compound [of formula I] according to claim 2 in which  $R_1$  is isopropyl, isobutyl[, ] or

E1 [secondary] sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl and phenyl,]  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl, [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds] and  $R_5$  and  $R_6$  are selected from the group consisting of H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy and phenyl, or  $R_5$  and  $R_6$  together with the carbon atoms to which they are attached form a second benzene ring optionally substituted by halo.

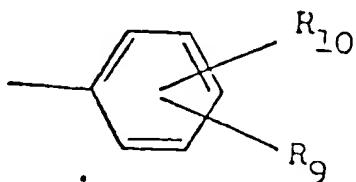
Claim 14 (3x amended). A compound according to claim 1 of the formula III:



III

or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms[, cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which

the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

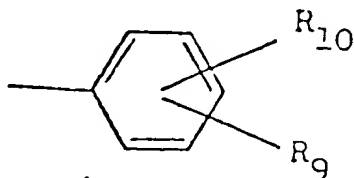


II

E<sup>2</sup> in which R<sub>9</sub> and R<sub>10</sub>, which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which] R<sub>2</sub> is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which] R<sub>3</sub> and R<sub>4</sub>, which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or R<sub>3</sub> and R<sub>4</sub> together with the nitrogen atom from an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which] R<sub>5</sub> and R<sub>6</sub>, which are the same or different are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or R<sub>5</sub> and R<sub>6</sub>, together with the carbon atoms to which they are

attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring.

E<sup>2</sup> Claim <sup>5</sup>~~8~~ (3x amended). A compound according to claim <sup>4</sup>~~7~~ in which R<sub>1</sub> is branched chain alkyl of up to 4 carbon atoms[, cycloalkyl groups containing 3 to 7 atoms, cycloalkylmethyl groups in which the cycloalkyl ring contains 3 to 6 carbon atoms or a group of the formula II:

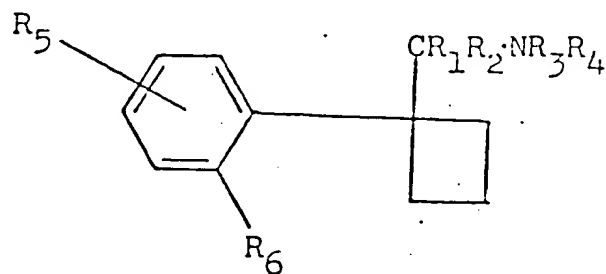


in which R<sub>9</sub> and R<sub>10</sub> are selected from the group consisting of H, fluoro and methoxy] and R<sub>2</sub> is H or methyl.

Claim <sup>6</sup>~~9~~ (3x amended). A compound according to claim <sup>4</sup>~~7~~ in which R<sub>1</sub> is isopropyl, isobutyl[, ] or [secondary] sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl      cyclobutylmethyl,      cyclopentylmethyl, cyclohexylmethyl and phenyl,] R<sub>3</sub> and R<sub>4</sub> are selected from the group consisting of H, methyl, ethyl and formyl, [or R<sub>3</sub> and R<sub>4</sub> together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups

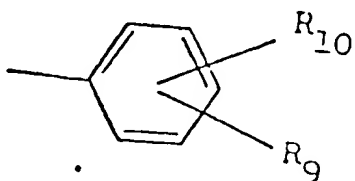
E<sup>2</sup>  
 or R<sub>3</sub> and R<sub>4</sub> together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds] and R<sub>5</sub> and R<sub>6</sub> are selected from the group consisting of H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy and phenyl, or R<sub>5</sub> and R<sub>6</sub> together with the carbon atoms to which they are attached form a second benzene ring optionally substituted by halo.

Claim 13<sup>7</sup> (3x amended). A compound according to claim 1 of the formula IV:



IV

or a pharmaceutically acceptable salt thereof in which R<sub>1</sub> is branched chain alkyl of up to 6 carbon atoms[, cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

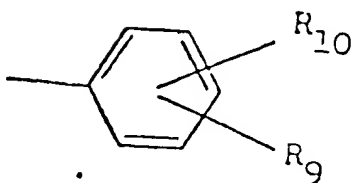


II

E3  
in which  $R_9$  and  $R_{10}$ , which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which]  $R_2$  is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which]  $R_3$  and  $R_4$ , which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom from an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which]  $R_5$  [and  $R_6$ , which are the same or different are selected from the group consisting of] is H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms [and] or phenyl, [or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring] and  $R_6$  is fluoro or methyl.

E4  
Claim ~~15~~<sup>8</sup> (3x amended). A compound according to claim ~~13~~<sup>7</sup> in which  $R_1$  is isopropyl, isobutyl[, ] or [secondary] sec-butyl[, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,

cycloheptyl, cyclopropylmethyl cyclobutylmethyl,  
cyclopentylmethyl, cyclohexylmethyl or a group of the formula II:



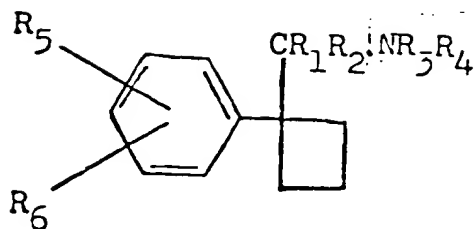
II

E4 in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H, fluoro and methoxy,];  $R_2$  is H or methyl;  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl; [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds,]  $R_5$  is H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy or phenyl and  $R_6$  is fluoro or methyl.

Claim 42, second and third line below the structural formula, delete "or phenyl".

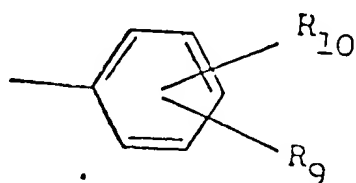
E5 Claim ~~45~~<sup>44</sup> (amended). A pharmaceutical composition useful for treating depression in humans which comprises an anti-depressantly effective amount of a compound of the formula I:





I

or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms, [cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

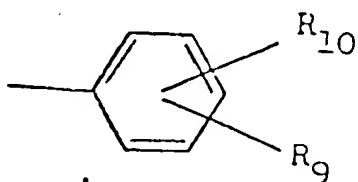


II

in which  $R_9$  and  $R_{10}$ , which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which]  $R_2$  is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which]  $R_3$  and  $R_4$ , which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom from an optionally substituted heterocyclic ring

85  
having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which]  $R_5$  and  $R_6$ , which are the same or different are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring.

14  
53  
Claim <sup>15</sup>54 (amended). A composition according to claim 53 in which  $R_1$  is branched chain alkyl of up to 4 carbon atoms, [cycloalkyl groups containing 3 to 7 atoms, cycloalkylmethyl groups in which the cycloalkyl ring contains 3 to 6 carbons atoms or a group of the formula II:



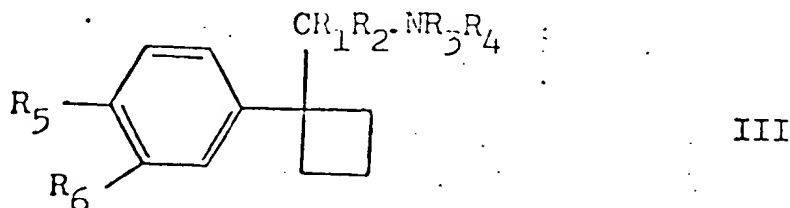
II

in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H, fluoro and methoxy] and  $R_2$  is H or methyl.

15  
54  
Claim <sup>16</sup>55 (amended). A composition according to claim 54 in which  $R_1$  is isopropyl, isobutyl[, ] or [secondary]

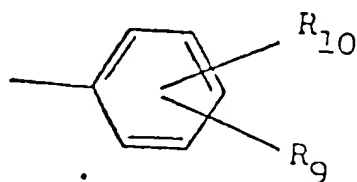
sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl and phenyl,]  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl, [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds] and  $R_5$  and  $R_6$  are selected from the group consisting of H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy and phenyl, or  $R_5$  and  $R_6$  together with the carbon atoms to which they are attached form a second benzene ring optionally substituted by halo.

ES  
<sup>17</sup>  
 Claim ~~56~~ (amended). A composition according to claim <sup>14</sup>~~53~~ wherein the compound is of the formula III:



or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms, [cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which

the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

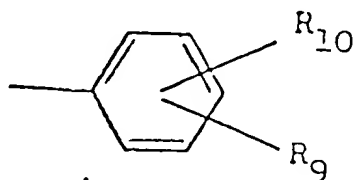


II

in which  $R_9$  and  $R_{10}$ , which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which]  $R_2$  is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which]  $R_3$  and  $R_4$ , which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom form an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which]  $R_5$  and  $R_6$ , which are the same or different are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are

attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring.

17 Claim ~~57~~<sup>58</sup> (amended). A composition according to claim ~~56~~<sup>57</sup> in which  $R_1$  is branched chain alkyl of up to 4 carbon atoms, [cycloalkyl groups containing 3 to 7 atoms, cycloalkylmethyl groups in which the cycloalkyl ring contains 3 to 6 carbons atoms or a group of the formula II:



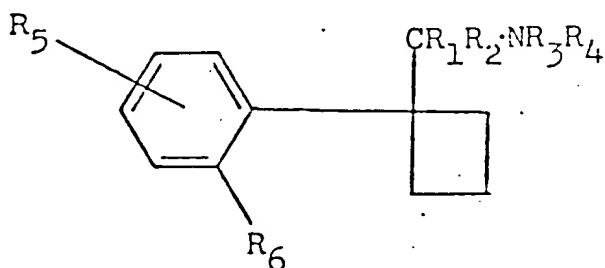
II

in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H, fluoro and methoxy] and  $R_2$  is H or methyl.

17 Claim ~~56~~<sup>59</sup> (amended). A composition according to claim ~~55~~<sup>56</sup> in which  $R_1$  is isopropyl, isobutyl[, ] or [secondary] sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl and phenyl,]  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl, [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally

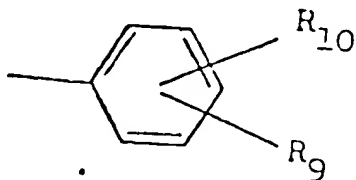
substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds] and  $R_5$  and  $R_6$  are selected from the group consisting of H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy and phenyl, or  $R_5$  and  $R_6$  together with the carbon atoms to which they are attached form a second benzene ring optionally substituted by halo.

95 14 <sup>20</sup> Claim ~~59~~ (amended). A composition according to claim ~~53~~ of the formula IV:



IV

or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms[, cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

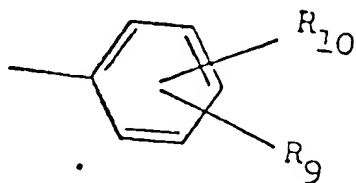


II

ES in which R<sub>9</sub> and R<sub>10</sub>, which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which] R<sub>2</sub> is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which] R<sub>3</sub> and R<sub>4</sub>, which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or R<sub>3</sub> and R<sub>4</sub> together with the nitrogen atom from an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which] R<sub>5</sub> [and R<sub>6</sub>, which are the same or different are selected from the group consisting of] is H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms [and] or phenyl, [or R<sub>5</sub> and R<sub>6</sub>, together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring] and R<sub>6</sub> is fluoro or methyl.

14  
-53 Claim <sup>21</sup>~~60~~ (amended). A composition according to claim in which R<sub>1</sub> is isopropyl, isobutyl[, secondary] or sec-butyl,

[cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, or a group of the formula II



II

E5  
in which R<sub>9</sub> and R<sub>10</sub>, which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; R<sub>2</sub> is H or methyl, R<sub>3</sub> and R<sub>4</sub> are selected from the group consisting of H, methyl, ethyl and formyl, [or R<sub>3</sub> and R<sub>4</sub> together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or R<sub>3</sub> and R<sub>4</sub> together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds], R<sub>5</sub> is H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy or phenyl and R<sub>6</sub> is fluoro or methyl.

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Claim 61, second line below the structural formula, delete "or phenyl".

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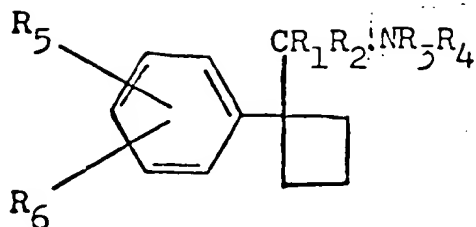
Kindly delete claim 69.

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E6  
Claim <sup>26</sup>70 (amended). A method of treating depression in humans which comprises administering to a human in need thereof

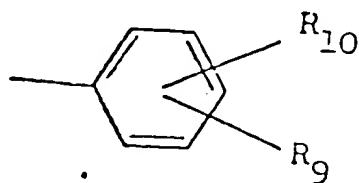


an anti-depressantly effective amount of a compound of the formula I:



I

or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms, [cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

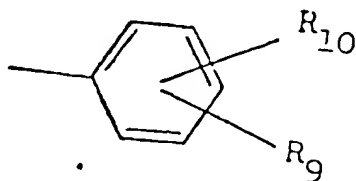


II

in which  $R_9$  and  $R_{10}$ , which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which]  $R_2$  is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which]  $R_3$  and  $R_4$ , which are the same or different are selected from the group consisting of H, straight or branched

86 chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom from an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which]  $R_5$  and  $R_6$ , which are the same or different, are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring, in combination with a pharmaceutically acceptable carrier.

27  
Claim ~~21~~ (amended). A method according to claim ~~20~~ 26 in which  $R_1$  is branched chain alkyl of up to 4 carbon atoms, [cycloalkyl groups containing 3 to 7 atoms, cycloalkylmethyl groups in which the cycloalkyl ring contains 3 to 6 carbons atoms or a group of the formula II:



II

in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H, fluoro and methoxy] and  $R_2$  is H or methyl.

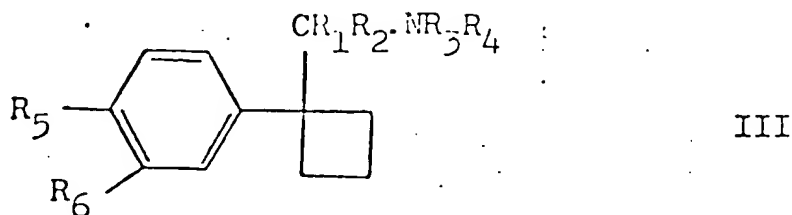
46  
Claim ~~28~~<sup>27</sup> (amended). A method according to claim ~~71~~<sup>27</sup> in which  $R_1$  is isopropyl, isobutyl[, ] or [secondary] sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl and phenyl,]  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl, [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds] and  $R_5$  and  $R_6$  are selected from the group consisting of H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy and phenyl or  $R_5$  and  $R_6$  together with the carbon atoms to which they are attached form a second benzene ring optionally substituted by halo.

26

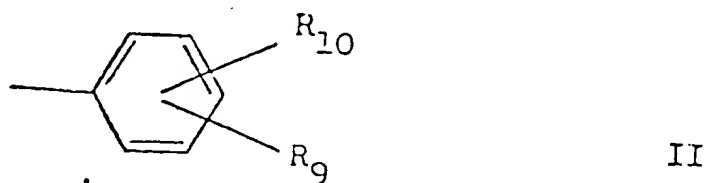
29

Claim ~~73~~ (amended). A method according to claim ~~70~~

wherein the compound is of the formula III:



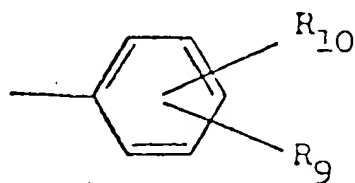
86 or a pharmaceutically acceptable salt thereof in which R<sub>1</sub> is branched chain alkyl of up to 6 carbon atoms[, cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:



in which R<sub>9</sub> and R<sub>10</sub>, which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which] R<sub>2</sub> is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which] R<sub>3</sub> and R<sub>4</sub>, which are the same or different, are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon

atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom form an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which]  $R_5$  and  $R_6$ , which are the same or different, are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1 to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring.

86  
 Claim <sup>30</sup>~~24~~ (amended). A method according to claim <sup>29</sup>~~23~~ in which  $R_1$  is branched chain alkyl of up to 4 carbon atoms[, cycloalkyl groups containing 3 to 7 atoms, cycloalkylmethyl groups in which the cycloalkyl ring contains 3 to 6 carbons atoms or a group of the formula II:



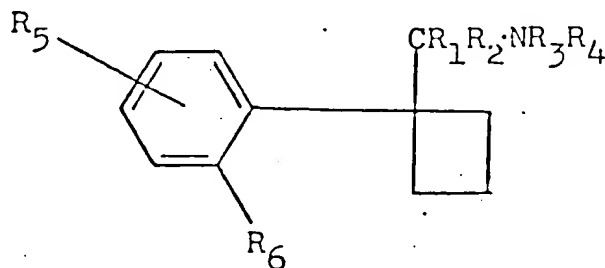
II

in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H,

fluoro and methoxy] and  $R_2$  is H or methyl.

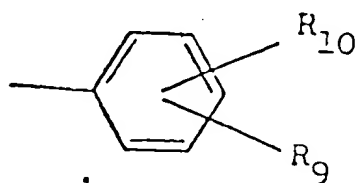
31  
Claim ~~75~~ (amended). A method according to claim ~~75~~<sup>29</sup> in which  $R_1$  is isopropyl, isobutyl[,] or [secondary] sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl and phenyl,]  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl, [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second nitrogen atom which is optionally alkylated or a heterocyclic ring including one or more double bonds] and  $R_5$  and  $R_6$  are selected from the group consisting of H, fluoro, chloro, bromo, iodo, trifluoromethyl, methyl, methoxy and phenyl, or  $R_5$  and  $R_6$  together with the carbon atoms to which they are attached form a second benzene ring optionally substituted by halo.

32  
Claim ~~76~~ (amended). A method according to claim ~~76~~<sup>29</sup> of the formula IV:



IV

or a pharmaceutically acceptable salt thereof in which  $R_1$  is branched chain alkyl of up to 6 carbon atoms, [cycloalkyl groups containing 3 to 7 carbon atoms, cycloalkylalkyl groups in which the cycloalkyl group contains 1 to 3 carbon atoms, alkenyl groups containing 2 to 6 carbon atoms, alkynyl groups containing 2 to 6 carbon atoms and groups of formula II:

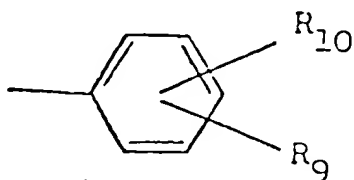


II

in which  $R_9$  and  $R_{10}$ , which are the same or different are selected from the group consisting of H, halo and alkoxy groups containing 1 to 3 carbon atoms]; [in which]  $R_2$  is selected from the group consisting of H and alkyl groups containing 1 to 3 carbon atoms; [in which]  $R_3$  and  $R_4$ , which are the same or different are selected from the group consisting of H, straight or branched chain alkyl groups containing 1 to 4 carbon atoms, alkenyl groups having 3 to 6 carbon atoms, alkynyl groups having 3 to 6 carbon atoms, cycloalkyl groups in which the ring contains 3 to 7 carbon atoms, and a group of formula CHO [or  $R_3$  and  $R_4$  together with the nitrogen atom form an optionally substituted heterocyclic ring having 5 or 6 atoms in the ring optionally containing further heteroatoms in addition to the nitrogen atom]; [in which]  $R_5$  and  $R_6$ , which are the same or different are selected from the group consisting of H, halo, trifluoromethyl, alkyl groups containing 1

to 3 carbon atoms, alkoxy groups containing 1 to 3 carbon atoms, alkythio groups containing 1 to 3 carbon atoms and phenyl, or  $R_5$  and  $R_6$ , together with the carbon atoms to which they are attached, form a second benzene ring optionally substituted by at least one halo, alkyl or alkoxy group containing 1 to 4 carbon atoms or the substituents of the second benzene ring together with the two carbon atoms to which they are attached form a further benzene ring and  $R_6$  is fluoro or methyl.

E6
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32  
 Claim ~~37~~ (amended). A method according to claim ~~36~~ in which  $R_1$  is isopropyl, isobutyl[, ] or [secondary] sec-butyl, [cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl or a group of the formula II:



II

in which  $R_9$  and  $R_{10}$  are selected from the group consisting of H, fluoro and methoxy,]  $R_2$  is H or methyl,  $R_3$  and  $R_4$  are selected from the group consisting of H, methyl, ethyl and formyl, [or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing one nitrogen atom and 4 or 5 carbon atoms which is optionally substituted by one or more alkyl groups or  $R_3$  and  $R_4$  together with the nitrogen atom to which they are attached form a heterocyclic ring containing a second